

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled APPARATUS FOR MATCHING X-RAY IMAGES WITH REFERENCE IMAGES
the specification of which (check one)

X is attached hereto.
_____ was filed on _____ as Application Serial No. _____
_____ and was amended on _____
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application[s] for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN APPLICATION(S)

Priority claimed

| <u>NONE</u> | | | Priority claimed | |
|-------------|-----------|------------------------|------------------|----|
| (Number) | (Country) | (Day/month/year filed) | Yes | No |
| | | | | |
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I hereby claim the benefit under Title 35, United States Code, §120 of any United States application[s] listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose to the United States Patent and

Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

NONE

(Application Serial No.) (Filing Date) (Status--patented, pending, abandoned)

(Application Serial No.) (Filing Date) (Status--patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

12 I hereby appoint Walter J. Blenko, Jr., Registration No. 18,526; Arnold B. Silverman, Registration No. 22,614; Richard V. Westerhoff, Registration No. 24,454; Lewis F. Gould, Jr., Registration No. 25,057; Stephan P. Gribok, Registration No. 29,643; Frederick A. Tecce, Registration No. 32,065; Alan G. Towner, Registration No. 32,949; David V. Radack, Registration No. 33,442; Kirk D. Houser, Registration No. 37,357; Richard P. Gilly, Registration No. 37,630; Diane R. Meyers, Registration No. 38,968; and Daniel S. Goldberg, Registration No. 39,689, as my attorneys or agents with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, to amend the specification, to appeal in case of rejection, as they may deem advisable, to receive the patent when granted and generally to do all matters and things needful in the premises as fully and to all intents and purposes as I could do.

Please direct all correspondence to: Richard V. Westerhoff

Eckert Seamans Cherin & Mellott, 600 Grant Street, Forty-second Floor, Pittsburgh, Pennsylvania 15219, (412) 566-6000.

Full name of sole or first joint inventor Andre M. Kalend

Inventor's signature Andre M. Kalend Date 10/20/96

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Citizenship Zaire

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Inventor's signature Joel Greenberger Date 10/20/96

Residence Sewickley, PA

Citizenship United States of America

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3-00
Full name of third joint inventor, if any Karun B. Shimoga
Inventor's signature [Signature] Date Oct 18, 96
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Citizenship India
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4-00
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Inventor's signature [Signature] Date 9/23/96
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Citizenship Greece
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5-00
Full name of fifth joint inventor, if any Takeo Kanade
Inventor's signature [Signature] Date Oct 18, 1996
Residence Pittsburgh, PA
Citizenship Japan
Post Office Address 130 Penrose Dr., Pittsburgh, PA 15208

MATCHING X-RAY IMAGES WITH REFERENCE IMAGES

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS
(37 CFR 1.9(f) and 1.27(d)) - NONPROFIT ORGANIZATION

That I am an official empowered to act on behalf of the nonprofit organization

ORGANIZATION University of Pittsburgh of the Commonwealth System of Higher Education
ORGANIZATION 911 William Pitt Union
Pittsburgh, PA 15260

E OF ORGANIZATION

- ☒ UNIVERSITY OR OTHER INSTITUTION OF HIGHER EDUCATION
☐ TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 USC 501(a) and 501(c)(3))
☐ NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OF THE UNITED STATES OF AMERICA
(NAME OF STATE _____)
(CITATION OF STATUTE _____)
☐ WOULD QUALIFY AS TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 USC 501(a) and 501(c)(3)) IF LOCATED IN THE UNITED STATES OF AMERICA
☐ WOULD QUALIFY AS NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OF THE UNITED STATES OF AMERICA IF LOCATED IN THE UNITED STATES OF AMERICA
(NAME OF STATE _____)
(CITATION OF STATUTE _____)

I hereby declare that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 CFR 1.9(e) for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code with regard to the invention entitled _____

APPARATUS FOR MATCHING X-RAY IMAGES WITH REFERENCE IMAGES

by inventor(s) Andre M. Kalend, Joel Greenberger, Karun B. Shimoga, Charalambos N. Athanassiou
described in and Takeo Kanade

☒ the specification filed herewith☐ application Serial No. _____, filed _____☐ Patent No. _____, issued _____

I hereby declare that rights under contract or law have been conveyed to and remain with the nonprofit organization with regard to the above-identified invention.

If the rights held by the nonprofit organization are not exclusive, each individual, concern or organization having rights to the invention is listed below* and no rights to the invention are held by any person, other than the inventor, who could not qualify as a small business concern under 37 CFR 1.9(d) or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e). *NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

NAME University of PittsburghADDRESS 911 William Pitt Union, Pittsburgh, PA 15260☐ INDIVIDUAL☐ SMALL BUSINESS CONCERN☒ NONPROFIT ORGANIZATION

NAME _____

ADDRESS _____

☐ INDIVIDUAL☐ SMALL BUSINESS CONCERN☐ NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING Frances J. ConnellTITLE IN ORGANIZATION Director, Office of Intellectual PropertyADDRESS OF PERSON SIGNING 911 William Pitt Union, Pittsburgh, PA 15260X Frances J. Connell DATE October 29, 1996